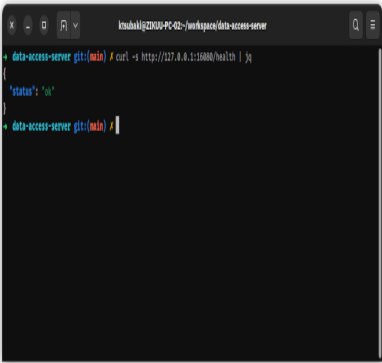




Data Access Server

Description

This is a simple REST API that provides a health check endpoint. It is built using Express.js and Node.js. The API is designed to be easy to use and integrate with other services. It provides a simple way to check the status of the server and its dependencies. The API is also designed to be scalable and can handle a large number of requests. It is a good example of how to build a simple REST API.

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Data Access Server

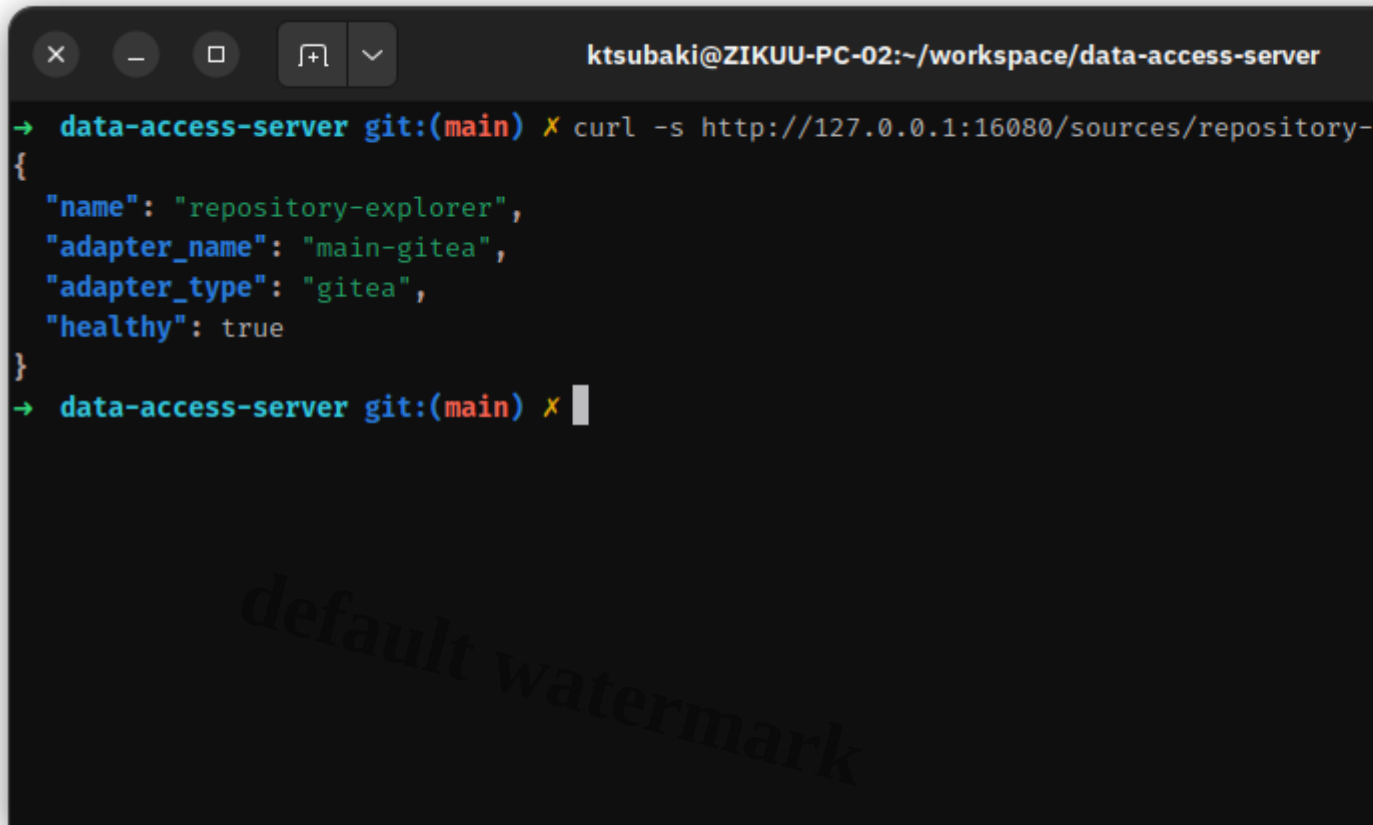
- Gitea
- Wiki.js
- Nextcloud
- PostgreSQL
- Qdrant
- MinIO
- Discord
- WordPress
- Slack
- Notion

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API

GET /health



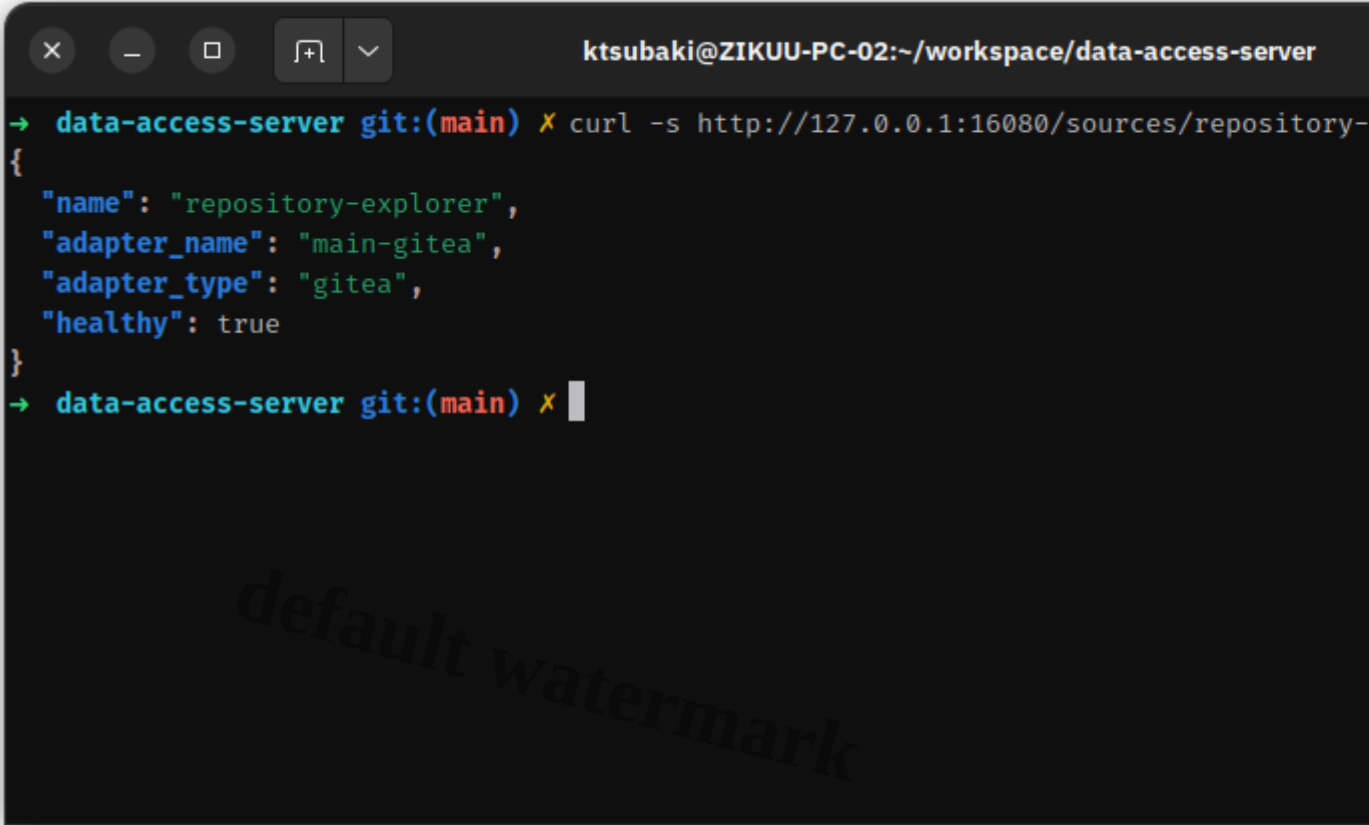
```
ktsubaki@ZIKUU-PC-02:~/workspace/data-access-server
→ data-access-server git:(main) ✗ curl -s http://127.0.0.1:16080/sources/repository-
{
  "name": "repository-explorer",
  "adapter_name": "main-gitea",
  "adapter_type": "gitea",
  "healthy": true
}
→ data-access-server git:(main) ✗
```

default watermark

GET /sources

```
ktsubaki@ZIKUU-PC-02:~/workspace/data-access-server
→ data-access-server git:(main) ✗ curl -s http://127.0.0.1:16080/sources | jq
{
  "sources": {
    "repository-explorer": {
      "adapter_name": "main-gitea",
      "adapter_type": "gitea",
      "role": "source",
      "capabilities": [
        "history",
        "list",
        "read",
        "search"
      ]
    },
    "zdl": {
      "adapter_name": "main-gitea",
      "adapter_type": "gitea",
      "role": "source",
```

GET /sources/ã??ã?¼ã?¿ã?½ã?¼ã?¹ã?¾/health



GET /sources/ã??ã?¼ã?¿ã?½ã?¼ã?¹ã•/list

```
ktsubaki@ZIKUU-PC-02:~/workspace/data-access-server
→ data-access-server git:(main) ✗ curl -s -X POST http://127.0.0.1:16080/sources/rep
{
  "source": "repository-explorer",
  "items": [
    ".env.example",
    ".gitignore",
    "APIDOC.md",
    "ARCHITECTURE.md",
    "README.md",
    "TECHDOC.md",
    "TODO.md",
    "TREE.md",
    "backend/Dockerfile",
    "backend/app/__init__.py",
    "backend/app/answer_prompt.py",
    "backend/app/archive_inventory_search.py",
    "backend/app/config.py",
    "backend/app/deterministic_investigation_planner.py",
```

POST /sources/ã??ã?¼ã?¿ã?½ã?¼ã?¹å••read

```
ktsubaki@ZIKUU-PC-02:~/workspace/data-access-server
→ data-access-server git:(main) ✗ curl -s -X POST http://127.0.0.1:16080/sources/rep
-H 'Content-Type: application/json' \
-d '{"locator":"README.md"}' \
| jq
{
  "source": "repository-explorer",
  "locator": "README.md",
  "content": "<!-- /home/ktsubaki/workspace/repository-explorer/README.md -->\n# Repo
explorer is a Web application for surveying ZIKUU repositories registered in `zikuu-ma
force repositories to provide ZRP documents.\nThe first goal is to read `zikuu-map`
gets, and provide the foundation for later repository inspection.\n\n## Stack\n\n Ba
ct + Vite + TypeScript\n- Runtime: Docker Compose\n- Source of repository map: Gitea
d\n\n## Quick Start\n\n``bash\nncp .env.example .env\ndocker compose up --build\n``
alhost:12780\n``\n\nBackend health:\n\n``text\nhttp://localhost:18200/health\n``\n
TEA_BASE_URL=http://192.168.0.200:8300\nGITEA_OWNER=admin\nZIKUU_MAP_REPO=zikuu-map\n
ATH=README.md\nGITEA_TOKEN=\nFRONTEND_ORIGIN=http://localhost:12780\n``\n\n`GITEA_TO
sitory is readable without authentication.\n\n## Initial Scope\n\n1. Fetch `zikuu-ma
se node profile, responsibility, survey rules, repositories, and investigation guide.
```

POST /sources/ã??ã?¼ã?¿ã?½ã?¼ã?¹å•/search

```
→ data-access-server git:(main) X curl -s -X POST http://127.0.0.1:16080/sources/rep
-H 'Content-Type: application/json' \
-d '{"query": "FastAPI"}' \
| jq
{
  "source": "repository-explorer",
  "query": "FastAPI",
  "results": [
    {
      "locator": "README.md",
      "line": 11,
      "text": "- Backend: FastAPI"
    },
    {
      "locator": "backend/app/main.py",
      "line": 4,
      "text": "from fastapi import FastAPI, HTTPException, Query"
    }
  ]
}
```

POST /sources/ã??ã?¼ã?¿ã?½ã?¼ã?¹å•/history

Giteaã•ã•©ã•®å±¥æ´ã??ç®¡ç•?ã•§ã•ã??ã?·ã?¹ã??ã? ã•®ã•¿

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ktsubaki@ZIKUU-PC-02:~/workspace/data-access-server

→ data-access-server git:(main) ✖ curl -s -X POST \

http://127.0.0.1:16080/sources/repository-explorer/history \

-H 'Content-Type: application/json' \

-d '{"locator":"README.md"}' \

| jq

{

"source": "repository-explorer",

"locator": "README.md",

"history": [

{

"sha": "55137343380eb92219c158263d0faa2fb661eef8",

"message": "Create Repository Explorer web app skeleton\n",

"author_name": "Kazuo Tsubaki",

"author_email": "kazz12211@gmail.com",

"authored_at": "2026-07-09T09:58:04+09:00"

},

{

"sha": "6d863c815e884ce871e3b14c127b205ef68ec978",

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ZIKUUã•®ã•?ã?¹ã??ã? ã•—ã?ã•?ã•?ã•?ã•?æ??è¬?AI Harnessã•«ç?,ã½?ã•?ã??é?ã??ã?ã•šã•?ã??ã•
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Category

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Tags

1. AI
2. Data Access Server
3. PRE
4. Repository Explorer
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6. å±±æ£ç??

Date Created

2026å¹9æ??3æ?¥

Author

kazuo-tsubaki